

Week 14

Monday 22nd June 2020

Year 5 Prime Numbers

You can revise prime numbers and composite numbers using the link: <https://www.youtube.com/watchv=3h4UK62Qrbo>

Prime Numbers

1a. Circle the prime numbers.

1, 2, 5, 9, 12, 17



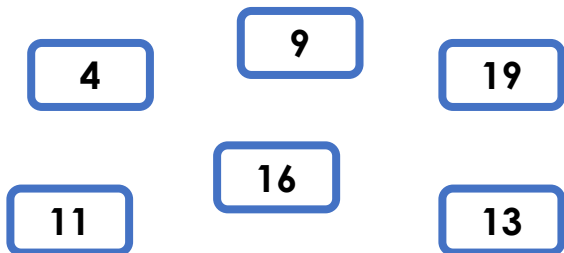
Prime Numbers

1b. Circle the prime numbers.

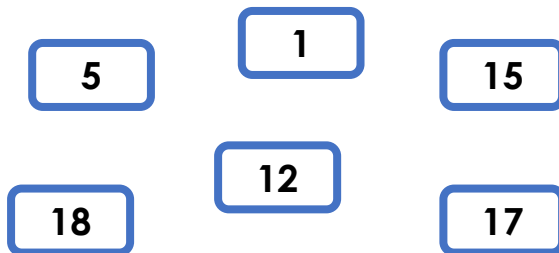
3, 6, 7, 11, 13, 15



2a. Which of the following numbers are composite numbers?



2b. Which of the following numbers are composite numbers?



3a. Which numbers are in the wrong place?

Prime Numbers	Composite Numbers
15 17	18 14
7 4	3 6



3b. Which numbers are in the wrong place?

Prime Numbers	Composite Numbers
19 5	2 17
11 16	9 14



4a. True or false?



Twelve is a prime number.



4b. True or false?



Two is a prime number.



Prime Numbers

5a. Circle the prime numbers.

4, 5, 9, 17, 29, 35



Prime Numbers

5b. Circle the prime numbers.

2, 13, 16, 23, 30, 43



6a. Which of the following numbers are composite numbers?

89 11 15

32 43 7



6b. Which of the following numbers are composite numbers?

71 19 59

28 37 9



7a. Which numbers are in the wrong place?

Prime Numbers	Composite Numbers
71 21	47 32
97 17	84 61



7b. Which numbers are in the wrong place?

Prime Numbers	Composite Numbers
72 11	29 2
83 23	64 37



8a. True or false?



Forty six is a prime number.



8b. True or false?



Forty one is a prime number.



Prime Numbers

9a. Circle the prime numbers.

53, 55, 67, 75, 97, 107



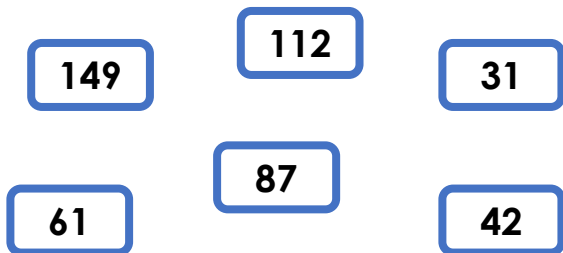
Prime Numbers

9b. Circle the prime numbers.

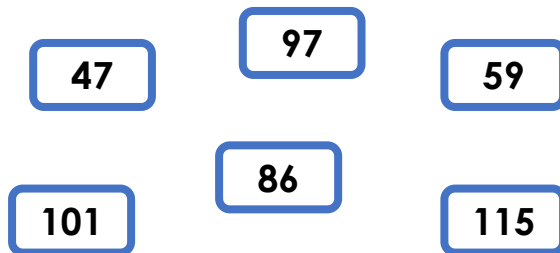
43, 57, 71, 87, 89, 109



10a. Which of the following numbers are composite numbers?



10b. Which of the following numbers are composite numbers?



11a. Which numbers are in the wrong place?

Prime Numbers	Composite Numbers
43	127
102	27
29	56
73	83



11b. Which numbers are in the wrong place?

Prime Numbers	Composite Numbers
89	36
21	85
57	113
103	80



12a. True or false?



One hundred and twenty five is a prime number.



12b. True or false?



One hundred and twenty seven is a prime number.



Challenge

Color the numbers.

 Prime  Composite  Neither prime nor composite

1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40
41	42	43	44	45	46	47	48	49	50
51	52	53	54	55	56	57	58	59	60
61	62	63	64	65	66	67	68	69	70
71	72	73	74	75	76	77	78	79	80
81	82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99	100

Explain why you coloured in the number(s) in **brown** using the correct terms.

Find the **prime factors** of **45**.

Explain how you found these **prime factors** using the correct terms.